

easily be applied to other work. The jig consists of a hardened steel locating plate *A*, mounted on a hardened spindle, which runs in a bushing that is also hardened. A ball bearing *B* takes the thrust of the spindle. At the other end of the spindle is an index plate *C*, in which are cut four go-degree notches. Keyed to the index plate, and also to the spindle, is a ratchet wheel *D*,

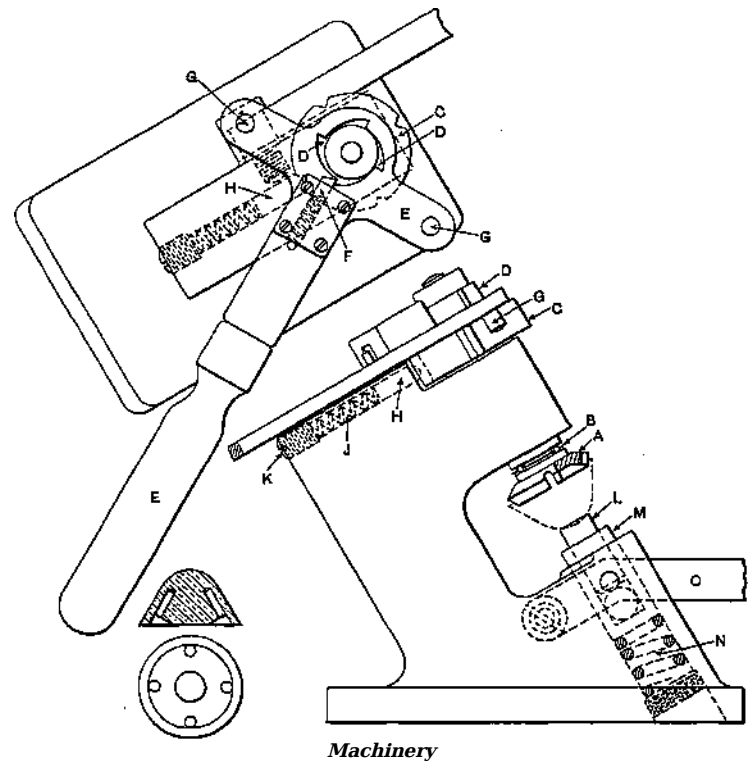


Fig. 5. Indexing Fixture operated by Hand-lever and Foot-treadle

having four teeth. A hand-lever *E*, which has a bearing and turns around a hub on the index plate, carries a spring pawl *F* that engages with the ratchet wheel *D*. The lever also carries, at the outer ends, two pins *G* that project downward, so that when it is pushed back and forth the pins strike on the

body of the jig and prevent carrying the index plate beyond the locking pin *H*. This locking pin is a hardened steel sliding pin,